

IN THE CLAIMS:

1. (Canceled)
2. (Currently amended) ~~The buffer tube of claim 1,~~ A buffer tube for use in a fiber optic cable, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the alloy is blended with glass fiber.
3. (Canceled)
4. (Currently amended) ~~The cable of claim 3,~~ A cable for transmitting a signal, the cable comprising:
at least one optical fiber for transmitting the signal;
at least one buffer tube for receiving the at least one optical fiber, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide; and
an outer jacket disposed around the at least one buffer tube; wherein the alloy is blended with glass fiber.
5. (Previously presented) A buffer tube for use in a fiber optic cable, the buffer tube comprised of a polymeric material having a flexural modulus greater than about 180 kpsi at room temperature and having a flexural modulus less than about 370 kpsi at room temperature.
- 6–10. (Canceled)

11. (Currently amended) ~~The buffer tube of claim 1,~~ A buffer tube for use in a fiber optic cable, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the alloy is filled, contains an antioxidant, contains a processing aid, or a combination thereof.